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TAMAKI TAKESHI
YANO TAKASHI(54) METHOD FOR CONTROLLING
TRANSMISSION POWER FOR REPEATER

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for controlling transmission power for a repeater capable of obtaining a greater communication line capacity by controlling transmission power of the repeater so as to approach a propagation path to a multi-path propagation path in a multi-point relay transmission system.

SOLUTION: The transmission power PT_i of each repeater 301 is controlled to satisfy a relation of $PT_1G_1=PT_2G_2=...=PT_LG_L$, where L is the number of repeaters, PT_i is the transmission power of the i-th re-

peater 301, and G_i is a propagation power loss between the i-th repeater 301 and a receiver 102.

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